

Tuesday,
January 8, 2013

ASQ SITE VISIT AND PRESENTATION

“Quality in Ultrasound Technology”

NOTE LOCATION:

CBC Health Science Center
(enter through main entrance)
891 Northgate Drive
Richland, Washington
509-544-8300

NOTE TIMES:

5:30 p.m. - Check in/Networking
5:45 p.m. – Tour and presentation

Cost:

\$5 for all attendees
(ASQ members, non-members or
guests)

NO-HOST DINNER/SNACKS:

Those interested may wish to get
together *following* the tour at one of
the nearby eateries (e.g., Atomic
Ale Brew Pub & Eatery,
3 Margaritas, or other) for a no-host
dinner/snack/whatever you'd like to
order.

For planning purposes, reservations
must be received by January 3.
E-mail panda_2@charter.net with
your name, phone number,
company affiliation, or call Alvin at
(509) 371-2221.

Note: All no shows will be billed
unless cancelled 48 hours in
advance.

For more information about ASQ
and other upcoming events, please
check our website at
www.asq614.org/



Columbia Basin College
Diagnostic Ultrasound Department
Richland Health Science Center – 891 Northgate Drive

hosted by Shane Bruce, Instructor

How many of you have personally experienced a diagnostic ultrasound? If not, you probably know someone who has had one in recent years.

While many people tend to associate ultrasound technology with pregnancy, there are many other applications. Diagnostic ultrasound is a non-invasive medical imaging technology that uses high frequency sound waves to form an image of body tissues. Information obtained from these images can be utilized along with other patient data in order to arrive at a medical diagnosis. Ultrasound, when compared to other imaging modalities like magnetic resonance imaging (MRI) and computed tomography (CT), is a relatively low cost non-invasive procedure that does not utilize magnetic fields or ionizing radiation (X-rays).

Diagnostic ultrasound is performed by a sonographer. Good sonographers must have excellent communication and critical thinking skills, be able to work well with others and perform well independently. Because diagnostic ultrasound is a progressive medical science, sonographers must be willing to maintain their knowledge and expertise through participation in continuing medical education. Sonographers work with sonologists, cardiologists, vascular surgeons, and other physicians in order to arrive at a diagnosis for the patient.

Columbia Basin College's Diagnostic Ultrasound Department, located in the Health Science Center in Richland, provides coursework in not only technological aspects of sonography but also in patient care and communications.

Join us on January 8 for a tour and presentation that will include descriptions (not overly technical, we promise!) of acoustical physics, essential parts of the ultrasound system, and the variety of ultrasound machines available to help physicians diagnose and treat patients. Our host may even provide us with a hands-on ultrasound scanning experience.

About our Host: Shane Bruce is a 1994 Graduate of Oregon Institute of Technology. He holds a BS in Cardiovascular Ultrasound and is registered in cardiac, vascular and general/OB/GYN ultrasound. Shane worked for and partnered in a mobile ultrasound company in Texas for 10 years, and worked in commercial ultrasound for three years, specializing in training and product development. He has been teaching college for four years.